

Claims

What is claimed is:

1. A battery pack comprising:

a plurality of battery modules arranged in parallel, each
5 of said battery modules comprising a plurality of sealed
rechargeable batteries arranged in a row and integrally
connected in series, said sealed rechargeable battery having a
metal case; and

a pair of holding brackets for holding both ends of said
10 battery modules in a direction perpendicular to the parallel
direction of said battery modules.

2. The battery pack according to claim 1, wherein said
battery modules are disposed with a cooling space provided
15 between said battery modules,

said battery pack further comprising:

a tubular cover for surrounding the periphery of said
plurality of battery modules; and

a coolant supply device for supplying coolant from one
20 end to the other end of said tubular cover.

3. The battery pack according to claim 2, wherein said
holding brackets are each provided with a ring-shaped
protrusive wall into which said ends of said battery modules
25 are fitted, said ring-shaped protrusive walls slide in both

ends of said tubular cover, a slit is formed in said holding brackets in such a position as to correspond to said cooling space between the battery modules, and a fan is provided in the outer surface of at least one of said holding brackets.

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4. The battery pack according to claim 2, wherein a member for restricting or promoting cooling is disposed in the sidewall of said sealed rechargeable battery facing said cooling space between said battery modules, to even cooling performance between an intake side and an discharge side of said coolant.

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5. The battery pack according to claim 3, wherein a blow direction of said fan is changeable.